

IV. AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A coaxial connector with a switch, comprising:
a housing for defining a terminal accommodation chamber opened
through a plug pin insertion hole ~~extending along a plug insertion hole axis~~; and
a fixed terminal and a switch terminal which are held by the housing;
the switch terminal configured as a turned-sideways substantially S-shape
having a first elastic bend section, a second elastic bend section, a first piece
interconnecting the first and second bend sections and a second piece
connected to the second bend section opposite the first piece with the first piece,
the second bend section and the second piece defining comprising a U-shaped
section opened toward and facing the plug pin insertion hole in the terminal
accommodation chamber ~~with the plug insertion hole axis extending through the~~
~~U-shaped section, the U-shaped section being elastically deformable and the~~
~~second bend movable as the U-shaped section elastically deforms~~ in a direction
crossing ~~the-a~~ direction of plug pin insertion;
the switch terminal being switched from a fixed terminal contact state in
which it is brought into contact with the second piece contacts the fixed terminal
to a fixed terminal cut-off state in which the contact thereof with the fixed terminal
is cut off as the U-shaped section is deformed and the second piece is moved
away from the first piece in the direction crossing the direction of plug pin
insertion, the second bend section intersecting the direction of plug pin insertion.

2. (Original) The coaxial connector with a switch according to claim 1,
wherein the fixed terminal comprises at least one fixed contact arranged
substantially parallel to the direction of plug pin insertion in the terminal
accommodation chamber,
wherein the U-shaped section in the switch terminal comprises first and
second movable contacts,
wherein the first movable contact can be brought into contact with the
fixed contact in the fixed terminal from a side, and the second movable contact

can be brought into contact with a side part of a plug pin inserted from the plug pin insertion hole, and

wherein the second movable contact is brought into contact with the plug pin, and the contact between the first movable contact and the fixed contact is cut off when the plug pin is inserted from the plug pin insertion hole.

3. (Original) The coaxial connector with a switch according to claim 2,
wherein the first movable contact is displaced sideward as the plug pin
displaces the second movable contact sideward when the plug pin is inserted
from the plug pin insertion hole, so that the first movable contact separates from
the fixed contact.

4. (Original) The coaxial connector with a switch according to claim 1,
wherein the U-shaped section comprises first and second pieces
connecting with each other through an elastic bending section and extending
substantially parallel to the direction of plug pin insertion.

5. (Original) The coaxial connector with a switch according to claim 4,
wherein the switch terminal comprises a fixed end and a free end,
wherein the first piece and the second piece in the U-shaped section
respectively connect with the fixed end and the free end, and
wherein the first and second movable contacts are provided in the second
piece in the U-shaped section.

6. (Original) The coaxial connector with a switch according to claim 1,
wherein the switch terminal further comprises a section having a
substantially S shape turned sideways.

7. (Original) The coaxial connector with a switch according to claim 6,
wherein the switch terminal further comprises a fixed piece connecting
with an end of the first piece in the U-shaped section through the elastic bending

section, to form the section having a substantially S shape turned sideways in cooperation with the U-shaped section.

8. (Original) The coaxial connector with a switch according to claim 1, wherein the terminal accommodation chamber has an opening into which the fixed terminal and the switch terminal can be incorporated from the same direction.

9. (Previously Presented) The coaxial connector with a switch according to claim 2,

wherein the at least one fixed contact is two fixed contacts and respective ones of the first and second movable contacts correspond to respective ones of the two fixed contacts.

10. (Previously Presented) The coaxial connector with a switch according to claim 9,

wherein the second piece in the U-shaped section in the switch terminal comprises a first section inserted between the two fixed contacts and a second section arranged closer to the free end in the switch terminal than the first section.

11. (Original) The coaxial connector with a switch according to claim 10, wherein a width of the second section in the second piece is larger than a width of the first section in the second piece, and

wherein the first section and the second section in the second piece forms a T shape.

12. (Original) The coaxial connector with a switch according to claim 10, wherein a width of the second section in the second piece is larger than a width of a clearance between the fixed contacts.

13. (Original) The coaxial connector with a switch according to claim 10,

wherein the second section comprises a pair of ends opposed to each other, and

wherein the first movable contacts are provided at the ends in the second section respectively.

14. (Original) The coaxial connector with a switch according to claim 10, wherein the second section comprises an intermediate section between a pair of the ends, and

wherein the second movable contact is provided in the intermediate section in the second section.

15. (Original) The coaxial connector with a switch according to claim 10, wherein the second section in the second piece includes a mountain-shaped section projecting toward the fixed contact.